



EP0709061

Biblio

Desc

Claims

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Drawing



Femoral ancillary instrumentation for implanting a unicompartmental knee prosthesis

Patent Number: EP0709061

Publication

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Inventor(s):

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Applicant(s):

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Application

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FR19940013095 19941027

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Classification:

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EC

Classification:

A61B17/15K2

Equivalents:

DE69531184D, DE69531184T, ES2201090T, ☐ FR2726178

Cited

Documents:

EP0538153; FR2664157; FR2679766

Abstract

The system consists of a column (26) connected to one end of an interstitial plate (28) designed to engage with the intercondyle recess of the femur, a thrust member (23) which fits onto the column and has two stops (25) which make simultaneous contact with distal sections of the femur, and a distal cutter guide (33) which extends perpendicular to the thrust member's contact plane (p-p'). The guide has a cutter slot (36) lying perpendicular to the plane (p-p') and a lateral bar (37) with holes for pins (42). The interstitial plate (28) is connected to the column (26) by an adapter (28a) which prevents any relative rotation between the plate and the column and has a wedge to fit into the inter-condyle recess of the portion of the femur which is not to be resected.

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DIALOG(R) File 351:Derwent WPI
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010713767 **Image available**

WPI Acc No: 1996-210722/*199622*

XRPX Acc No: N96-176339

Ancillary femoral instrument system for fitting knee prosthesis - has interstitial plate on lower end of column equipped with thrust member and guide with cutter slot

Patent Assignee: BASCOULERQUE G (BASC-I); CHARRET P (CHAR-I); FAYARD J (FAYA-I); HULIN P H (HULI-I); MERCK BIOMATERIAL FRANCE (MERE); PEYROT J (PEYR-I); BASCOULERGUE G (BASC-I); DUPRE-LATOIR L (DUPR-I); MERCK BIOMATERIAL FRANCE (MERI); COLLOMB J (COLL-I); DUPRE L L (DUPR-I); FAYARD J P (FAYA-I); IMPACT SA (IMPA-N)

Inventor: BASCOULERGUE G; CHARRET P; COLLOMB J; DUPRE-LATOIR L; FAYARD J; HULIN P H; PEYROT J; DUPRE L L; FAYARD J P

Number of Countries: 008 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 709061	A1	19960501	EP 95420299	A	19951027	199622 B
FR 2726178	A1	19960503	FR 9413095	A	19941027	199625
EP 709061	B1	20030702	EP 95420299	A	19951027	200345
DE 69531184	E	20030807	DE 631184	A	19951027	200359
			EP 95420299	A	19951027	
ES 2201090	T3	20040316	EP 95420299	A	19951027	200424

Priority Applications (No Type Date): FR 9413095 A 19941027

Cited Patents: EP 538153; FR 2664157; FR 2679766

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 709061	A1	F	12	A61B-017/15	
Designated States (Regional): AT CH DE ES GB IT LI					
FR 2726178	A1			A61F-002/46	
EP 709061	B1	F		A61B-017/15	
Designated States (Regional): AT CH DE ES GB IT LI					
DE 69531184	E			A61B-017/15	Based on patent EP 709061
ES 2201090	T3			A61B-017/15	Based on patent EP 709061

Abstract (Basic): EP 709061 A

The system consists of a column (26) connected to one end of an interstitial plate (28) designed to engage with the intercondyle recess of the femur, a thrust member (23) which fits onto the column and has two stops (25) which make simultaneous contact with distal sections of the femur, and a distal cutter guide (33) which extends perpendicular to the thrust member's contact plane (p-p'). The guide has a cutter slot (36) lying perpendicular to the plane (p-p') and a lateral bar (37) with holes for pins (42).

The interstitial plate (28) is connected to the column (26) by an adapter (28a) which prevents any relative rotation between the plate and the column and has a wedge to fit into the inter-condyle recess of the portion of the femur which is not to be resected.

ADVANTAGE - Design simplicity, providing for bone resection which ensures a good prosthesis implantation.

Dwg.3/9

Title Terms: ANCILLARY; FEMORAL; INSTRUMENT; SYSTEM; FIT; KNEE; PROSTHESIS; INTERSTITIAL; PLATE; LOWER; END; COLUMN; EQUIP; THRUST; MEMBER; GUIDE; CUT; SLOT

Derwent Class: P31

International Patent Class (Main): A61B-017/15; A61F-002/46

International Patent Class (Additional): A61F-002/38

File Segment: EngPI

File 351:Derwent WPI 1963-2004/UD,UM &UP=200438

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S2	1	PN=EP 709061
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DIALOG(R)File 351:Derwent WPI

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010713767 **Image available**

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Ancillary femoral instrument system for fitting knee prosthesis - has interstitial plate on lower end of column equipped with thrust member and guide with cutter slot

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Derwent Class: P31

International Patent Class (Main): A61B-017/15; A61F-002/46

International Patent Class (Additional): A61F-002/38

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